

Allowed Claims:

1. (Previously Presented) A method of redirecting a request URL, the request URL including data related to a patterned URL, the method comprising:
- receiving the request Uniform Resource Locator (URL) from a user system;
 - determining the patterned URL based on the data related to the patterned URL from the request URL;
 - determining whether a character from the patterned URL indicates a pattern that indicates a data source type, wherein the data source type indicates a location of data for generating a destination URL;
 - when the character from the patterned URL indicates a pattern that indicates a data source type, interpreting a format specifier associated with the patterned URL, wherein the format specifier indicates conditional formatting for the destination URL, generating a destination URL having data from the location indicated by the data source type, wherein the data is formatted based on the format specifier of the patterned URL, and sending the destination URL having data from the location indicated by the data source type to the user system for redirecting the user system;
 - when the character from the patterned URL does not indicate a pattern that indicates a data source type, generating a destination URL having the character copied from the patterned URL, and sending the destination URL having the character copied from the patterned URL to the user system.
- 3 (Previously Presented) The method of claim 1, wherein interpreting the format specifier comprises looking up an Hyper-Text Transfer Protocol (HTTP) address for a service and placing the address into the destination URL when the format specifier indicates the name of the service.
- 4 (Previously Presented) The method of claim 1, wherein interpreting the format specifier comprises copying string data into the destination URL when the format specifier indicates the string data.

5 (Previously Presented) The method of claim 1, wherein interpreting the format specifier comprises rewriting a language as a corresponding culture and adding the culture to the destination URL when the format specifier indicates the language.

6 (Previously Presented) The method of claim 1, wherein interpreting the format specifier comprises rewriting a language as a corresponding culture and adding the culture to the destination URL when the language indicates other than English and when the format specifier indicates the language.

7 (Previously Presented) The method of claim 1, wherein interpreting the format specifier comprises copying a language to the destination URL when the language indicates other than English and when the format specifier indicates the language.

8 (Previously Presented) The method of claim 1, wherein interpreting the format specifier comprises translating a culture to a Language Culture IDentifier (LCID) and placing the LCID into the destination URL when the format specifier indicates the culture.

9 (Previously Presented) The method of claim 1, wherein interpreting the format specifier comprises copying a following string to the destination URL when a previous portion of the patterned URL caused data to be written to the destination URL and when the format specifier indicates a special string copy.

10 (Previously Presented) The method of claim 1, wherein generating a destination URL having data from the location indicated by the data source type comprises copying a path part from the request URL to the destination URL when the data source type indicates that data is located in a path portion of the request URL.

11 (Previously Presented) The method of claim 1, wherein generating a destination URL having data from the location indicated by the data source type comprises copying data

from a query string of the request URL to the destination URL when the data source type indicates that data is located in the query string of the request URL.

12 (Previously Presented) The method of claim 1, wherein generating a destination URL having data from the location indicated by the data source type comprises copying a data source identifier from the patterned URL to the destination URL when the data source type indicates that data is located in the data source identifier of the patterned URL.

13 (Previously Presented) The method of claim 10, wherein the path portion is identified by a data source identifier in the pattern.

14 (Previously Presented) The method of claim 11, wherein the query string is identified by a data source identifier in the pattern.

15 (Previously Presented) A system comprising:
a processor; and
a memory coupled with and readable by the processor and having stored therein instructions which, when executed by the processor, cause the processor to:
receive a request Uniform Resource Locator (URL) from a user system;
determine a patterned URL based on the request URL;
identify a character from the patterned URL that indicates a pattern that indicates a data source type, wherein the data source type identifies a location of data for generating a destination URL;
interpret a format specifier associated with the patterned URL, wherein the format specifier indicates conditional formatting for the destination URL;
generate the destination URL having data from the location indicated by the data source type, wherein the data is formatted based on the format specifier of the patterned URL; and
sending the destination URL to the user system for redirecting the user system.

17 (Previously Presented) The system of claim 15, further comprising looking up an Hyper-Text Transfer Protocol (HTTP) address for a service and placing the address into the destination URL when the format specifier indicates a name of the service.

18 (Previously Presented) The system of claim 15, further comprising copying string data into the destination URL when the format specifier indicates the string data.

19 (Previously Presented) The system of claim 15, further comprising rewriting a language as a corresponding culture and adding the culture to the destination URL when the format specifier indicates the language.

20 (Previously Presented) The system of claim 15, further comprising rewriting a language as a corresponding culture and adding the culture to the destination URL when the language indicates other than English and when the format specifier indicates the language.

21 (Previously Presented) The system of claim 15, further comprising copying a language to the destination URL when the language indicates other than English and when the format specifier indicates the language.

22 (Previously Presented) The system of claim 15, translating a culture to a corresponding Language Culture Identifier (LCID) and placing the LCID into the destination URL when the format specifier indicates the culture.

23 (Previously Presented) The system of claim 15, further comprising copying a following string to the destination URL when a previous portion of the patterned URL caused data to be written to the destination URL and when the format specifier indicates a special string copy.

24 (Previously Presented) The system of claim 15, further comprising copying a path part from the request URL to the destination URL when the data source type indicates that data is located in a path portion of the request URL.

25 (Previously Presented) The system of claim 15, further comprising copying data from the query string of the request URL to the destination URL when the data source type indicates that data is located in a query string of the request URL.

26 (Previously Presented) The system of claim 15, further comprising copying a data source identifier from the patterned URL to the destination URL when the data source type indicates that data is located in a data source identifier of the patterned URL.

27 (Previously Presented) The system of claim 24, wherein the path part is identified by a data source identifier in the pattern.

28 (Previously Presented) The system of claim 25, wherein the query string is identified by a data source identifier in the pattern.

29 (Previously Presented) A computer-readable storage medium encoding a computer program of instructions for executing a computer process for redirecting a request URL, the computer process comprising:

receiving the request Uniform Resource Locator (URL) from a user system;

generating a patterned URL based on the request URL;

identifying a character from the patterned URL that indicates a pattern that indicates a data source type, wherein the data source type identifies a location of data for generating a destination URL;

interpreting a format specifier associated with the patterned URL, wherein the format specifier indicates conditional formatting for the destination URL;

generating the destination URL having data from the location indicated by the data source type, wherein the data is formatted based on the format specifier of the patterned URL; and

sending the destination URL to the user system for redirecting the user system.

31 (Previously Presented) The computer-readable storage medium of claim 29, further comprising looking up an Hyper-Text Transfer Protocol (HTTP) address for a service and placing the address into the destination URL when the format specifier indicates a name of the service.

32 (Previously Presented) The computer-readable storage medium of claim 29, further comprising copying string data into the destination URL when the format specifier indicates string data.

33 (Previously Presented) The computer-readable storage medium of claim 29, further comprising rewriting a language as a corresponding culture and adding the culture to the destination URL when the format specifier indicates the language.

34 (Previously Presented) The computer-readable storage medium of claim 29, further comprising rewriting a language as a corresponding culture and adding the culture to the destination URL when the language indicates other than English and when the format specifier indicates the language.

35 (Previously Presented) The computer-readable storage medium of claim 29, further comprising copying the language to the destination URL when the language indicates other than English and when the format specifier indicates the language.

36 (Previously Presented) The computer-readable storage medium of claim 29, further comprising translating a culture to a Language Culture Identifier (LCID) and placing the LCID into the destination URL when the format specifier indicates the culture.

37 (Previously Presented) The computer-readable storage medium of claim 29, further comprising copying a following string to the destination URL when a previous portion of the patterned URL caused data to be written to the destination URL and when the format specifier indicates a special string copy.

38 (Previously Presented) The computer-readable storage medium of claim 29, further comprising copying a path part from the request URL to the destination URL when the data source type indicates that data is location in a path portion of the request URL.

39 (Previously Presented) The computer-readable storage medium of claim 29, further comprising copying data from a query string of the request URL to the destination URL when the data source type indicates that data is located in the query string of the request URL.

40 (Previously Presented) The computer-readable storage medium of claim 29, further comprising copying the data source identifier from the patterned URL to the destination URL when the data source type indicates that data is located in a data source identifier of the patterned URL.

41 (Previously Presented) The computer-readable storage medium of claim 38, wherein the path part is identified by a data source identifier in the pattern.

42 (Previously Presented) The computer-readable storage medium of claim 39, wherein the query string is identified by a data source identifier in the pattern.